

INVITATION

INNO-Drill TC meeting

Hosted by GCE NODE in cooperation with SINTEF

Date: 13 June
Time: 08:30-11:00 p.m.
Where: GCE NODE, Tordenskjoldsgate 9, Kristiansand

About [INNO-Drill](#)

The main goal of INNO-Drill project is to extend, demonstrate, and make available a research-based technology platform to enable new and significantly more cost effective drilling tools and systems for deep geothermal wells in hard rock formations.

The project will also create arenas that gather national and international actors along the industrial value chain, including selected technology companies and well-established enterprises to supports the field demonstration of innovative drilling technologies. The knowledges and technology developed within this project can readily be applied to other areas and can be used for a wide range of rock penetration methods, ranging from smaller wellbores to large tunnels. Another area that has a direct relevance and a solid industry base in Norway is drilling tunnels for small-scale hydroelectric plants and grid for renewable energy transport.

08:30	Welcome - Marianne Engvoll, GCE NODE & Pascal-Alexandre Kane, SINTEF
08:40	General presentation: 2018 Activities (WP0) – Pascal-Alexandre Kane inform(10mn, SINTEF)
08:50	WP1 Testing & Characterization – Ruben B. (25mn, SINTEF); <ul style="list-style-type: none">• Wear resistance of bit insert materials• Effect of thermal loading on rock breaking (drillability) efficiency
09:15	WP2 Multiphysics modeling - Terence C. (15mn, SINTEF); Pragmatic model for rock particles transportation in percussive drilling - Julien S/Trond B. (20mn, SINTEF)
09:50	Coffee brake
10:00	WP5 PhD On percussive drilling modelling – Xianfeng S. (20mn)
10:20	WP3 Field technology assessment: Full-scale rotary drilling tests at Enel – Hans L. (20mn, SINTEF)
10:40	WP4 Technology gaps: ROP prediction model – Øystein A. / Jostein S./ Mohammad M. (20mn, IRIS)
11:00	End